Table 3
Non- CTR Constituents
Projected Maximum Effluent Concentration (MEC) Calculations

ATTACHMENT D

		Applicable Criteria/Objectives			Monitoring Data					
Parameter	**Units**	**BasinPlan or Acute**	**Chronic**	**MCL or Human Health**	**Effluent Concentration on 5/29/2003**	**Effluent Concentration on 10/7/2003**	**Effluent Concentration on 12/3/2003**	**Effluent Concentration on 2/18/2004**	**Maximum Detected Effluent Concentration**	**Projected MEC[1]**
Barium	µg/L	100	n/a	490	14	340	330	310	340	1598
Iron	µg/L	300	n/a	300	120	1100	540	200	1100	5170
Manganese	µg/L	50	n/a	50	88	4.5	2.5	ND	88	413.6
Ammonia	mg/L	2.14	0.591	1.5	110	2500	190	ND	2500	11750
Specific conductance (EC @ 25°C)	µmhos/cm	n/a	n/a	900	Regularly monitored through M&RP, n=53				1600	1600

Footnotes:

[1] The projected MEC (maximum effluent concentration) is determined by multiplying the maximum detected concentration with a reasonable potential multiplying factor that accounts for statistical variation. The multiplying factor (for 99% confidence level and 99% probability basis) is dependent on the coefficient of variation (CV) and number of reported effluent results. For less than 10 effluent data points, CV is estimated to equal 0.6. The multiplying factor is 4.7 for four samples and a CV of 0.6. If no data or all data ND, did not make analysis due to lack of data.